Flight ID: 20160809I1

Sensor or System	Number or Name
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.1
Dewpoint Temp. Probe	TDM.2
Vertical Accelerometer	AccZfilterI-GPS.1
Altimeter	AltGPS.3
INE Selection	1
Differential Attack Pressure Probe	PDALPHA.1
Differential Sideslip Pressure Probe	PDBETA.1
Dynamic Attack Pressure Probe	PQALPHA.1
Dynamic Sideslip Pressure Probe	PQBETA.1

Flight Directory   acdata/2016/MET/20160809I1

Local Met Data	Takeoff KHRL (0556Z)	Landing KHRL (1233Z)
Dynamic Corrections		Yes
AttackAngleIntercept		0.143557
AttackAngleSlope		5.95033
SlipAngleIntercept		0.22
SlipAngleSlope		7.36195

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Notes:
There were no edits made in the measured parameters used to calculate meterological and navigational parameters.

Takeoff/Landing data: Data during landing and takeoff are potentially suspect. It is recommended that ground data not be used for scientific analysis.

TDM.2 (Edgetech) used as reference for dew point calculations. Novatel AltGPS.3 used as source of absolute altitude. The TDM.1 (Buck) experienced a pronounced oscillation upon level off at mission altitude of 700 mb after high altitude transit. This was followed by a runaway to 36C that lasted until 0844z. There was a spike in the TDM.2 up to 33C from 0817-0819z. This affected all parameters dependent upon FL virtual temp for that brief interval. There was a small oscillation in autopilot altitude hold that can be seen in calculation of Geopotential Heights. All other measured and calculated parameters performed normally during the science phase of flight.

Expendable Type	# deployed	# good	# transmitted
Dropsondes	9	9	8
Test sondes	0	0	0
AXBTs	0	0	0
AXCPs	0	0	0
AXCTDs	0	0	0

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